



Attorney's Docket No. 5051.631XX

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Gardner  
Serial No. 10/820,632  
Filed: April 8, 2004  
For: GAMMA RAY  
AND RELATED  
MATERIALS

Art Unit: 2884  
Examiner: David S. Baker  
Confirmation No.: 8467  
PROVED SIGNAL-TO-NOISE RATIO  
DS FOR ANALYZING BULK

Date: June 30, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §1.97(c)**

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office to 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

In accordance with the requirements of 37 C.F.R. § 1.97(c)(1), the following  
Certification as specified in 37 C.F.R. § 1.97(e) is made:

In accordance with the requirements of 37 C.F.R. § 1.97(c)(2), a check for the \$180.00 fee specified in 37 C.F.R. § 1.17(p) is enclosed. This amount is believed to be correct. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

Respectfully submitted,

Laura M. Kelley  
Registration No. 48,441

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Myers Bigel Sibley & Sajovec, P.A.  
P. O. Box 37428  
Raleigh, North Carolina 27627  
Telephone: (919) 854-1400  
Facsimile: (919) 854-1401  
Customer No. 20792

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 29, 2006.

**FORM PTO-1449** U.S. Department of Commerce  
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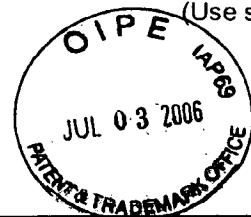
Attorney Docket Number  
5051-631XX

Serial No.  
10/820,633

**LIST OF DOCUMENTS CITED BY APPLICANT**

(Use several sheets if necessary)

C1 of C1



Applicant:

Robin Pierce Gardner

Filing Date:  
April 8, 2004

Group:  
2878

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	2004/0256548	12/23/04	Gardner	250	266	
	2.	4,937,446	6/26/90	McKeon et al.	280	270	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation Yes   No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	3.	Gardner et al., "A feasibility study of a coincidence counting approach for PGNAA applications", <u>Applied Radiation and Isotopes</u> 53 (2000) 515-526.
	4.	Gardner et al., "Practical Implementation of Coincidence Prompt Gamma-Ray Neutron Activation Analysis", <u>Transactions of the American Nuclear Society</u> , Vol. 89, pp. 486-487, 2003.
	5.	Metwally et al., "Elemental PGNAA analysis using gamma-gamma coincidence counting with the library least squares approach," <u>Nuclear Instruments and Methods in Physics Research B</u> 213 (2004) 394-399.
	6.	Metwally et al., "Two-dimensional diagonal summing of coincidence spectra for bulk PGNAA applications," <u>Nuclear Instruments and Methods in Physics Research A</u> 525 (2004) 511-517.
	7.	Gardner et al., "Q-value Summing for Coincidence Prompt Gamma-Ray Neutron Activation Analysis," <u>Transactions of the American Nuclear Society</u> , Vol. 91, pp 881-882, 2004.
	8.	Gardner et al., "A new NaI detector arrangement for efficient detection of high energy gamma-rays,' <u>Journal of Radioanalytical and Nuclear Chemistry</u> , Vol. 264, No. 1 (2005) 133-137.
	9.	Metwally et al. "Coincidence counting for PGNAA applications: Is it the optimum method?" <u>Journal of Radioanalytical and Nuclear Chemistry</u> , Vol 265, No. 2 (2005) 309-314.

EXAMINER

DATE CONSIDERED

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with communication to the Office.

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